

09/787858#3

JC10 Rec'd PCT/PTO 2 2 MAR 2001

Sheet 1 of 2

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SP-0840.3 US	SERIAL NO.
		APPLICANTS Zhihong, et al	
		FILING DATE	GROUP
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	5 8 9 5 7 3 4	04/20/99	Nardi et al	429	224	
	5 5 9 9 6 4 4	02/04/97	Swierbut et al	429	224	
	5 5 3 2 0 8 5	07/02/96	Davis et al	429	224	
	5 5 1 6 6 0 4	05/14/96	Mieczkowska et al	429	224	
	5 4 1 9 8 2 4	05/30/95	Weres et al	204	268	
	5 3 4 2 7 1 2	08/30/94	Mieczkowska et al	429	224	
JD	4 4 7 8 9 2 1	10/23/84	Langan	429	194	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JD	0 0 2 4 0 7 1	04/27/00	WO	H01M 4	50, 6/06		
	9 8 1 5 9 8 7	04/16/98	WO	H01M 4	62	X	
	9 3 1 2 5 5 1	06/24/93	WO	H01M 4	50		
	10 3 1 6 4 2 9	12/02/98	Japan	C01G 23	00	X	
JD	9 2 1 7 9 1 0	10/15/92	WO	H01M 4	50		

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

JD	Okamura, et al., "Junction Properties and Gap States in Nb-Doped TiO <sub>2</sub> Thin Films", <u>Jpn. J. Appl. Phys.</u> , Vol. 32, (1993) pp. L454-L457. NO MONTH
JD	Karakitsou, et al., "Effects of Altrivalent Cation Doping of TiO <sub>2</sub> on Its Performance as a Photocatalyst for Water Cleavage", <u>J. Phys. Chem.</u> (1993) 97. 1184-1189 NO MONTH
JD	Levin, et al., "Phase Diagrams For Ceramists", <u>The American Ceramic Society</u> , 2 <sup>nd</sup> Ed. (1969), Pg. 143 NO MONTH
EXAMINER	DATE CONSIDERED
<i>J. Doe</i>	3/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

JC10 Rec'd PCT/PTO 22 MAR 2001

Sheet 2 of 2

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SP-0840.3 US	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANTS Zhihong et al	FILING DATE
		GROUP	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	4 4 6 5 7 4 7	08/14/84	Evans	429	194	
JD	4 1 4 6 4 3 8	03/27/79	De Nora et al	204	1.5	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
JD	19 5 4 6 3 3 3	06/20/96	Germany	H01M 4	66	(Abstract)

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

JD	Levin, et al., "Phase Diagrams For Ceramists 1969 Supplement", <u>The Amer. Ceramic Soc.</u> , pg. 9
JD	Katayama, et al., "Humidity Sensitivity of Nb <sub>2</sub> O <sub>5</sub> -doped TiO <sub>2</sub> Ceramics", <u>Sensors &amp; Actuators A</u> , 24 (1990) 55-60. <b>NO MONTH</b>
JD	Finklea, Harry O., "Titanium Dioxide (TiO <sub>2</sub> ) and Strontium Titanate (SrTiO <sub>3</sub> )", <u>Semiconductor Electrodes</u> , (1988) Ch. 2, pp. 43-145. <b>NO MONTH</b>
EXAMINER	DATE CONSIDERED
JDare	3/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SP-0840.3 US	SERIAL NO. 09/787,858
		APPLICANTS Zhihong Jin et al.	
		FILING DATE March 22, 2001	GROUP 1741

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	5 7 6 6 6 8 9	06/16/98	James et al.	429	44	
JD	4 9 3 1 2 1 3	06/05/90	Cass	252	507	
JD	4 1 6 0 0 6 9	07/03/79	Johnson et al.	429	104	
JD	3 7 7 1 9 9 7	11/13/73	Clark	75	10R	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JD	08 0 7 1 4 1 8	03/19/96	Japan	B01J	23/20	x	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	<b>RECEIVED</b> APR 1 - 2002 TC 1700

EXAMINER: *J. D. Ave* DATE CONSIDERED: *3/23*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

+

SP-0840.3 US

Received from <440 899 6072> at 2/27/03 3:13:04 PM [Eastern Standard Time]

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/787,858
				Filing Date	June 21, 2000
				First Named Inventor	Jin, Zhihong
				Group Art Unit	1745
				Examiner Name	T. Dove
				Attorney Docket Number	SP-0840.3 US
Sheet	2	of	2		

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	3/03
-----------------------	--------------------	--------------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional).    <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**